



PCT09

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,458A

DATE: 07/16/2002
TIME: 15:37:48

Input Set : A:\pf0636usn_seqlist.txt
Output Set: N:\CRF3\07162002\I831458A.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
5 TANG, Y. Tom
6 CORLEY, Neil C.
7 GUEGLER, Karl J.
8 YUE, Henry
9 BAUGHN, Mariah R.
10 LAL, Preeti
11 HILLMAN, Jennifer L.
12 BANDMAN, Olga
13 AZIMZAI, Yalda
14 AU-YOUNG, Janice
16 <120> TITLE OF INVENTION: HUMAN CELL SURFACE RECEPTOR PROTEINS
18 <130> FILE REFERENCE: PF-0636 PCT
C--> 20 <140> CURRENT APPLICATION NUMBER: US/09/831,458A
C--> 21 <141> CURRENT FILING DATE: 2002-05-16
23 <150> PRIOR APPLICATION NUMBER: 09/121,280; unassigned; 09/206,647; unassigned;
60/123,404
W--> 24 <151> PRIOR FILING DATE: 1998-11-12; 1998-11-12; 1998-12-07; 1998-12-07; 1999-03-08
26 <160> NUMBER OF SEQ ID NOS: 26
28 <170> SOFTWARE: PERL Program
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 81
32 <212> TYPE: PRT
33 <213> ORGANISM: Homo sapiens
35 <220> FEATURE:
36 <221> NAME/KEY: misc_feature
37 <223> OTHER INFORMATION: Incyte ID No: 2355971CD1
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42 Cys Gly Pro Leu Leu Ser Ala Arg Thr Arg Ala Arg Arg Pro Gly
43 20 25 30
44 Glu Arg Cys Thr Gly Met Gly Cys Ala Gly Gly Gly Thr Pro Arg
45 35 40 45
46 Gly Asp Cys Gly Gly His Cys Cys Asp Phe Ser Ser Pro Leu Pro
47 50 55 60
48 Gln Phe Pro Pro Lys Ala Lys Leu Ala Phe Gly Leu Arg Ser Gly
49 65 70 75
50 Val Phe Ser Ser His Val
51 80
53 <210> SEQ ID NO: 2
54 <211> LENGTH: 140
55 <212> TYPE: PRT
56 <213> ORGANISM: Homo sapiens

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58 <220> FEATURE:
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60 <223> OTHER INFORMATION: Incyte ID No: 2917059CD1
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65 Leu Asp Trp Val Ser Arg Gly Glu Ser Val Gly Leu His Leu Pro
66 20 25 30
67 Thr Leu Ser Val Gln Glu Gly Asp Asn Ser Ile Ile Asn Cys Ala
68 35 40 45
69 Tyr Ser Asn Ser Ala Ser Asp Tyr Phe Ile Trp Tyr Lys Gln Glu
70 50 55 60
71 Ser Gly Lys Gly Pro Gln Phe Ile Ile Asp Ile Arg Ser Asn Met
72 65 70 75
73 Asp Lys Arg Gln Gly Gln Arg Val Thr Val Leu Leu Asn Lys Thr
74 80 85 90
75 Val Lys His Leu Ser Leu Gln Ile Ala Ala Thr Gln Pro Gly Asp
76 95 100 105
77 Ser Ala Val Tyr Phe Cys Ala Glu Asn Thr His Cys Phe Pro Gly
78 110 115 120
79 Ile Cys Asn His His Pro Asn Leu Arg Trp Glu Val Lys Gln His
80 125 130 135
81 Pro Phe Pro Leu Gln
82 140
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86 <211> LENGTH: 358
87 <212> TYPE: PRT
88 <213> ORGANISM: Homo sapiens
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91 <221> NAME/KEY: misc_feature
92 <223> OTHER INFORMATION: Incyte ID No: 538181CD1
94 <400> SEQUENCE: 3
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96 1 5 10 15
97 Gln Met Leu Leu Ala Ala Gly Cys His Ala Ala Ala Ser Phe Glu
98 20 25 30
99 Thr Leu Gln Cys Glu Gly Pro Val Cys Thr Glu Glu Ser Ser Cys
100 35 40 45
101 His Thr Glu Asp Asp Leu Thr Asp Ala Arg Glu Ala Gly Phe Gln
102 50 55 60
103 Val Lys Ala Tyr Thr Phe Ser Glu Pro Phe His Leu Ile Val Ser
104 65 70 75
105 Tyr Asp Trp Leu Ile Leu Gln Gly Pro Ala Lys Pro Val Phe Glu
106 80 85 90
107 Gly Asp Leu Leu Val Leu Arg Cys Gln Ala Trp Gln Asp Trp Pro
108 95 100 105
109 Leu Thr Gln Val Thr Phe Tyr Arg Asp Gly Ser Ala Leu Gly Pro
110 110 115 120
111 Pro Gly Pro Asn Arg Glu Phe Ser Ile Thr Val Val Gln Lys Ala

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112	125	130	135
113 Asp Ser Gly His Tyr His Cys Ser Gly	Ile Phe Gln Ser Pro Gly		
114	140	145	150
115 Pro Gly Ile Pro Glu Thr Ala Ser Val	Val Ala Ile Thr Val Gln		
116	155	160	165
117 Glu Leu Phe Pro Ala Pro Ile Leu Arg	Ala Leu Pro Ser Ala Glu		
118	170	175	180
119 Pro Gln Ala Gly Gly Pro Met Thr Leu	Ser Cys Gln Thr Lys Leu		
120	185	190	195
121 Pro Leu Gln Arg Ser Ala Ala Arg Leu	Leu Phe Ser Phe Tyr Lys		
122	200	205	210
123 Asp Gly Arg Ile Val Gln Ser Arg Gly	Leu Ser Ser Glu Phe Gln		
124	215	220	225
125 Ile Pro Thr Ala Ser Glu Asp His Ser	Gly Ser Tyr Trp Cys Glu		
126	230	235	240
127 Ala Ala Thr Glu Asp Asn Gln Val Trp	Lys Gln Ser Pro Gln Leu		
128	245	250	255
129 Glu Ile Arg Val Gln Gly Ala Ser Ser	Ser Ala Ala Pro Pro Thr		
130	260	265	270
131 Leu Asn Pro Ala Pro Gln Lys Ser Ala	Ala Pro Gly Thr Ala Pro		
132	275	280	285
133 Glu Glu Ala Pro Gly Pro Leu Pro Pro	Pro Pro Thr Pro Ser Ser		
134	290	295	300
135 Glu Asp Pro Gly Phe Ser Ser Pro Leu	Gly Met Pro Asp Pro His		
136	305	310	315
137 Leu Tyr His Gln Met Gly Leu Leu Leu	Lys His Met Gln Asp Val		
138	320	325	330
139 Arg Val Leu Leu Gly His Leu Leu Met	Glu Leu Arg Glu Leu Ser		
140	335	340	345
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142	350	355	
144 <210> SEQ ID NO: 4			
145 <211> LENGTH: 201			
146 <212> TYPE: PRT			
147 <213> ORGANISM: Homo sapiens			
150 <220> FEATURE:			
151 <221> NAME/KEY: misc_feature			
152 <223> OTHER INFORMATION: Incyte ID No: 1368760CD1			
154 <400> SEQUENCE: 4			
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156 1 5	10		
157 Phe Phe Leu Val Leu Gly Leu Leu Gly	His Ser His Gly Gly Phe		30
158 20	25		
159 Pro Asn Thr Ile Ser Ile Gly Gly Leu Phe Met Arg Asn Thr Val			45
160 35	40		
161 Gln Glu His Ser Ala Phe Arg Phe Ala Val Gln Leu Tyr Asn Thr			60
162 50	55		
163 Asn Gln Asn Thr Thr Glu Lys Pro Phe His Leu Asn Tyr His Val			75
164 65	70		

7/16/02

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165 Asp Leu Leu Asp Ser Ser Asn Ser Phe Ser Val Thr Asn Ala Phe
166                               80                               85                               90
167 Cys Ser Gln Phe Ser Arg Gly Val Tyr Ala Ile Phe Gly Phe Tyr
168                               95                               100                               105
169 Asp Gln Met Ser Met Asn Thr Leu Thr Ser Phe Cys Gly Ala Leu
170                               110                               115                               120
171 His Thr Ser Phe Val Thr Pro Ser Phe Pro Thr Asp Ala Asp Val
172                               125                               130                               135
173 Gln Phe Val Ile Gln Met Arg Pro Ala Leu Lys Gly Ala Ile Leu
174                               140                               145                               150
175 Ser Leu Leu Gly His Tyr Lys Trp Glu Lys Phe Val Tyr Leu Tyr
176                               155                               160                               165
177 Asp Thr Glu Arg Gly Lys Lys Arg His Leu Leu Cys Ser Leu Asp
178                               170                               175                               180
179 Ile His Val Ile Val Phe Lys Leu Pro Gln Leu Met Cys Pro Leu
180                               185                               190                               195
181 Leu Pro Ile Asn Lys Ile
182                               200
184 <210> SEQ ID NO: 5
185 <211> LENGTH: 117
186 <212> TYPE: PRT
187 <213> ORGANISM: Homo sapiens
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190 <221> NAME/KEY: misc_feature
191 <223> OTHER INFORMATION: Incyte ID No: 1670669CD1
193 <400> SEQUENCE: 5
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196 Cys Leu Leu Leu Ala Gly Ala Ala Trp Ala Pro Pro Pro Asn Leu
197                               20                               25                               30
198 Pro Asp Pro Lys Phe Glu Ser Lys Ala Ala Leu Leu Ala Ala Arg
199                               35                               40                               45
200 Gly Pro Glu Glu Leu Leu Cys Phe Thr Glu Arg Val Gly Gly Leu
201                               50                               55                               60
202 Gly Met Ser His Gly Lys Leu Cys Arg Leu His Gln Ala Pro Thr
203                               65                               70                               75
204 Ala Arg Gly Gly Gly Ala Leu Leu Val Cys Ala Ala Tyr Arg Arg
205                               80                               85                               90
206 His Val Glu Leu Arg Ala Pro Arg Val Gly Arg His Ser Ser Leu
207                               95                               100                               105
208 Arg Arg Ser Ala Ile Ser Pro Cys His Pro His Gln
209                               110                               115
212 <210> SEQ ID NO: 6
213 <211> LENGTH: 455
214 <212> TYPE: PRT
215 <213> ORGANISM: Homo sapiens
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <223> OTHER INFORMATION: Incyte ID No: 2851578CD1

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Input Set : A:\pf0636usn_seqlist.txt
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225      20      25
226 Pro Arg Met Leu Cys His Arg Gly Gly Gln Leu Ile Val Pro Ile      45
227      35      40
228 Ile Pro Leu Cys Pro Glu His Ser Cys Arg Gly Arg Arg Leu Gln      60
229      50      55
230 Asn Leu Leu Ser Gly Pro Trp Pro Lys Gln Pro Met Glu Leu His      75
231      65      70
232 Asn Leu Ser Ser Pro Ser Pro Ser Leu Ser Ser Ser Val Leu Pro      90
233      80      85
234 Pro Ser Phe Ser Pro Ser Pro Ser Ser Ala Pro Ser Ala Phe Thr      105
235      95      100
236 Thr Val Gly Gly Ser Ser Gly Gly Pro Cys His Pro Thr Ser Ser      120
237      110      115
238 Ser Leu Val Ser Ala Phe Leu Ala Pro Ile Leu Ala Leu Glu Phe      135
239      125      130
240 Val Leu Gly Leu Val Gly Asn Ser Leu Ala Leu Phe Ile Phe Cys      150
241      140      145
242 Ile His Thr Arg Pro Trp Thr Ser Asn Thr Val Phe Leu Val Ser      165
243      155      160
244 Leu Val Ala Ala Asp Phe Leu Leu Ile Ser Asn Leu Pro Leu Arg      180
245      170      175
246 Val Asp Tyr Tyr Leu Leu His Glu Thr Trp Arg Phe Gly Ala Ala      195
247      185      190
248 Ala Cys Lys Val Asn Leu Phe Met Leu Ser Thr Asn Arg Thr Ala      210
249      200      205
250 Ser Val Val Phe Leu Thr Ala Ile Ala Leu Asn Arg Tyr Leu Lys      225
251      215      220
252 Val Val Gln Pro His His Val Leu Ser Arg Ala Ser Val Gly Ala      240
253      230      235
254 Ala Ala Arg Val Ala Gly Gly Leu Trp Val Gly Ile Leu Leu Leu      255
255      245      250
256 Asn Gly His Leu Leu Leu Ser Thr Phe Ser Gly Pro Ser Cys Leu      270
257      260      265
258 Ser Tyr Arg Val Gly Thr Lys Pro Ser Ala Ser Leu Arg Trp His      285
259      275      280
260 Gln Ala Leu Tyr Leu Leu Glu Phe Phe Leu Pro Leu Ala Leu Ile      300
261      290      295
262 Leu Phe Ala Ile Val Ser Ile Gly Leu Thr Ile Arg Asn Arg Gly      315
263      305      310
264 Leu Gly Gly Gln Ala Gly Pro Gln Arg Ala Met Arg Val Leu Ala      330
265      320      325
266 Met Val Val Ala Val Tyr Thr Ile Cys Phe Leu Pro Ser Ile Ile      345
267      335      340
268 Phe Gly Met Ala Ser Met Val Ala Phe Trp Leu Ser Ala Cys Arg      360
269      350      355

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VERIFICATION SUMMARY

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L:20 M:270 C: Current Application Number differs, Replaced Current Application Number
L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:24 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD